QuickSpecs

Overview *HP SkyRoom*

Form Factor	– Please select one –
Video Conferencing	
Multi-party conferencing	Peer to Peer (up to 4 participants)
Video standards and protocols	H.264, MPEG2, selectable codec by user or administrator
Audio standards and protocols	MPEG, Acoustic-based echo cancellation
Supported video resolutions	320 x 240, 352 x 288, 640 x 480, 800 x 600, 960 x 720
Video layout	Flexible configurations, 3 across or down, 2x2 and more; flexible sizing of video conferencing and content sharing windows
Presence protocols	XMPP
Call contact list	Integrates with enterprise directories (Microsoft OCS 2007 and Jabber); supports user-produced local contact list
Scheduling	Schedule a conference with another HP SkyRoom user; integrates with Microsoft Outlook for scheduling a meeting
Desktop collaboration	
Application types	Share documents, presentations, HD videos, and real-time 3D application sharing (both DirectX and Open GL)
Desktop participants	1-to-1 or 1-to-4 real-time desktop sharing
Shared content resolution	Selectable by user up to 2560 x 1600, shared content supported up to 24 fps
Multiple displays	Sender: up to three displays
Image codec	HP3 high performance image compression and decompression; visually loss-less compression; variable rate, image delta compression algorithm
General	
User interface	User-centric interface; easy setup with First Use Wizard
Bandwidth requirements	400 Kbps and above; 1 Mbps recommended for SVGA video resolution or higher
Ethernet connectivity	TCP/IP, SSL/TLS
Security	AES 256 encryption (audio, video and data); authenticates to Active Directory and

	organization's Jabber-based instant messaging service
Client management	Available tool for managing/locking client settings
Supported directory servers	Jabber, Microsoft Office Communication Server 2007, and local contact list determined by user
Supported webcams	HP Standard Accessory Kit—Logitech Quickcam Pro 9000 and HP analog headset (P/N NG855AA); Logitech Quickcam Pro 9000 (video resolutions up to 960 x 720) with Microsoft XP driver for Windows XP OS (32-bit or 64-bit) or Logitech Driver for Vista; HP Premium Autofocus Webcam; HP Deluxe Webcam; HP Elite Autofocus Webcam (video resolutions up to 640 x 480)
Supported headsets	Any analog headset with 3.5 mm plug
Supported desktop audio	HP Desktop Audio Kit—USB powered speakers, unidirectional microphone and audio card; HP workstation (SoundBlaster X-Fi2 XtremeGamer—PCIe: P/N NG857AA)
Minimum system requirements	Intel® Core 2 Duo 2.33 GHz processor or equivalent; 2 GB RAM; Microsoft® Windows® XP or Windows Vista (32-bit or 64-bit); 500 MB available hard disk space; no server required
Licensing	Single user license—node locked to MAC address; volume licensing—server-managed FLEX LM licensing, first in/first out count method; HP Z workstations purchased after October 1, 2009 include Skyroom software and license.
Supported languages	English, French, Italian, German, Spanish, Simplified Chinese, Japanese
Product warranty	90-day software phone support; HP 1 year SkyRoom 9x5 Software Technical Support
Product Numbers	NG862AAE HP SkyRoom Version1, Quantity 1 Node-Locked E-LTU SW NG862AA HP SkyRoom Version1, Quantity 1 Node-Locked pLicense SW VK631AAE HP SkyRoom Version1, Quantity 5 Node-Locked E-LTU SW VK631AA HP SkyRoom Version1, Quantity 5 Node-Locked pLicense SW VK632AAE HP SkyRoom Version1, Quantity 25 Node-Locked E-LTU SW VK632AA HP SkyRoom Version1, Quantity 25 Node-Locked pLicense SW VK633AAE HP SkyRoom Version1, Quantity 125 Node-Locked E-LTU SW VK633AA HP SkyRoom Version1, Quantity 125 Node-Locked pLicense SW VK634AAE HP SkyRoom Version1, Quantity 500 Node-Locked E-LTU SW VK634AA HP SkyRoom Version1, Quantity 500 Node-Locked pLicense SW NG863AAE HP SkyRoom Version1, Quantity 1 Floating E-LTU SW NG863AA HP SkyRoom Version1, Quantity 1 Floating pLicense SW VK635AAE HP SkyRoom Version1, Quantity 5 Floating E-LTU SW VK635AA HP SkyRoom Version1, Quantity 5 Floating pLicense SW VK636AAE HP SkyRoom Version1, Quantity 25 Floating E-LTU SW VK636AA HP SkyRoom Version1, Quantity 25 Floating pLicense SW

VK637AAE	HP SkyRoom Version1, Quantity 125 Floating E-LTU SW
VK637AA	HP SkyRoom Version1, Quantity 125 Floating pLicense SW
VK638AAE	HP SkyRoom Version1, Quantity 500 Floating E-LTU SW
VK638AA	HP SkyRoom Version1, Quantity 500 Floating pLicense SW

ASIO is a registered trademark of Steinberg Media Technologies GmbH

Multimedia and Audio Devices	SkyRoom Standard Accessory Hardware Kit	Factory Configured	Option Kit	Option Kit Part Number	Support Notes
	Logitech® QuickCam® Pro 9000 USB Camera Audio Headset with Boom Microphone	Y	Y	NG855AA	
	SkyRoom Desktop Audio Kit (PCIe)	**Factory Configured**	**Option Kit**	**Option Kit Part Number**	**Support Notes**
	Omni Directional USB Powered Speakers, Desktop Microphone, SoundBlaster® X-Fi™2 XtremeGamer Audio Card, PCIe	Y	Y	NG857AA	

Technical Specifications - Multimedia and Audio Devices

SkyRoom Standard Accessory Hardware Kit	**Kit Contents**	• Webcam • Audio headset • Software and Documentation CD-ROM • Product and warranty documentation
	Webcam	• Video - Up to 30 fps VGA • Lens - Carl Zeiss Lens • Color Depth - 24 bit • USB 2.0 Interface with Cable - 6 feet
	Headset	Frequency Response: • Microphone - 100 Hz to 16000 Hz • 150 Hz to 20000 Hz • Sensitivity - - 44 dB ± 3dB • Cable - 8 ft shielded plug with 3.5 mm analog plugs
	Approvals	

SkyRoom Desktop Audio Kit (PCIe)	**USB Powered Speakers**	
	Power LED	Front of one speaker
	Frequency response	80Hz – 20kHz, +/-10dB
	Dimensions (H x W x D)	10.94 x 8.11 x 5.28 in. (90.4mm x 90.4mm x 252.2mm)per speaker

Net weight	1.43 pounds (648g)
USB cable length	6.6 feet (200 cm)
Speaker cable length	4 feet (122 cm)
Microphone	
Frequency Response:	110 Hz to 15000 Hz
Digital Audio	Input sensitivity
Cable	9.6 ft (294.2 cm) shielded plug with a 3.5 mm analog plug
Dimensions (H x W x D)	0.68 x 2.7 x 3.54 in (17.2 x 68.5 x 88 mm)
Creative X-Fi Titanium Audio Card, PCIe	
24-bit Analog-to-Digital conversion of analog inputs	96kHz sample rate
24-bit Digital-to-Analog conversion of digital sources	96kHz to analog 7:1 speaker output
24-bit Digital-to-Analog conversion of stereo digital sources	192 kHz to stereo output
16-bit to 24-bit recording sampling rates	8, 11.025, 16, 22.05, 24, 32, 44.1, 48 and 96kHz
Enhanced SoundFont support	Up to 24-bit resolution
Signal-to-Noise Ratio	Stereo Output 109dB Front and Rear Channels 109dB Center, Subwoofer and Side Channels 109dB
Frequency Response (-3dB, 24-bit/96kHz input)	0Hz to 46kHz
Frequency Response (-3dB, 24-bit/192kHz input)	10Hz to 46kHz
Speaker and Headphone connections	Stereo to 7.1 (Line Out via three 3.5mm mini jacks)
Flexijack	Line In/ Microphone In/Optical Out via shared 3.5mm mini jack
Front Panel Header	HDMI SPDIF (1 x 3 header), HDAudio FP (2 x 5 header)